

MOBILE TELEPHONE RELAYING DEVICE

ABSTRACT

The present invention is directed to a mobile telephone relaying system or unit for relaying communication signals between a mobile telephone capable of wireless communication with a wireless mobile telephone communication system and a wired telephone in a wired local telephone network providing communication between the wired telephone and a wired telephone communication system for allowing communication via the wired telephone using the wireless telephone network. According to an exemplary aspect of the present invention, a mobile telephone relaying unit may be coupled to the wired home telephone network for relaying communication signals between the mobile telephone and the wired local telephone network for communication with the wired telephone. The wired telephone network may employ communication signals having a first format, and the mobile telephone communication signals may have a second format. The relaying unit may convert communication signals received from the mobile telephone from the second format to the first format for transmission to the wired local telephone network, and may convert communication signals received from the wired local telephone network by the wired telephone from the first format to the second format for transmission to the mobile telephone.